CLAIMS

1.   A method for manipulating network objects by using Internet authoring, collaboration and versioning tools, the method comprising:

       receiving a request for a manipulation of a first network object from a requesting user;

       verifying a first set of authorization information;

       translating a logical object address to a physical file system path;

       checking a file system for validity and authorization for the requesting user including determining whether the first network object is a first network object;

       verifying a username and a password for the requesting user;

       returning a first error message if requesting user is unauthorized to access the first network object;

       determining an object type for the first network object; and

       sending a response to the requesting user.

2.   The method of claim 1 wherein the manipulation of the first network object includes changing a set of attributes of the first network object.

3.   The method of claim 1 further including verifying that the first network object is found.

4.   The method of claim 3 further including returning a second error message if the first network object is not found.

5.   The method of claim 1 further including assigning new rights to the first network object.

1   6.   The method of claim 5 wherein the new rights for the first network object are for a

2   second network object.

1   7.   The method of claim 5 wherein the new rights are assigned by dragging and

2   dropping a second network object on the first network object by the use of an interactive

3   computer screen.

1   8.   The method of claim 7 wherein the new rights are all rights for all users and

2   assigned by dragging a public icon and dropping the public icon on the first network

3   object.

1   9.   The method of claim 7 wherein the new rights are subtracting all rights for all

2   users except an assigned user to the first network object and wherein the new rights are

3   assigned by dragging a private icon and dropping the private icon on the first network

4   object.

1   10.   The method of claim 1 further including modifying a set of attributes of the first

2   network object by modifying a set of fields on a screen of a subset of the set of attributes.

1   11.   The method of claim 10 further including navigating a context menu for a

2   plurality of screens that allow modification of the set of attributes of the first network

3   object.

12. A computer program for manipulating network objects by using Internet

2 authoring, collaboration and versioning tools, the computer program comprising:

3 instructions for receiving a request for a manipulation of a first network object

4 from a requesting user;

5 instructions for verifying a first set of authorization information;

6 instructions for translating a logical Uniform Resource Locator to a local file

7 system path;

8 instructions for checking a local file system for validity and authorization for the

9 requesting user including determining whether the first network object is a first network

10 object;

11 instructions for verifying a username and a password for the requesting user;

12 instructions for returning a first error message if requesting user is unauthorized to

13 access the first network object;

14 instructions for determining an object type for the first network object; and

15 instructions for sending a response to the requesting user.

1 13. The computer program of claim 12 further including instructions for verifying that

2 the first network object is found.

1 14. The computer program of claim 13 further including instructions for returning a

2 second error message if the first network object is not found.

1 15. The computer program of claim 12 wherein the request is to assign new rights to

2 the first network object.

1 16. The computer program of claim 15 wherein the new rights for the first network

2 object are for a second network object.

1   17.   The computer program of claim 15 wherein the new rights are assigned by

2   dragging and dropping a second network object on the first network object by the use of

3   interactive computer screen.

1   18.   The computer program of claim 17 wherein the new rights are all rights for all

2   users and assigned by dragging a public icon and dropping the public icon on the first

3   network object.

1   19.   The computer program of claim 17 wherein the new rights are subtracting all

2   rights for all users except an assigned user to the first network object and wherein the new

3   rights are assigned by dragging a private icon and dropping the private icon on the first

4   network object.

1   20.   The computer program of claim 12 further including instructions for modifying a

2   set of attributes of the first network object by modifying a set of fields on a screen of a

3   subset of the set of attributes.

1   21.   The computer program of claim 20 further including instructions for navigating a

2   context menu for a plurality of screens that allow modification of the set of attributes of

3   the first network object.

1   22.   The computer program of claim 12 wherein the manipulation of the first network

2   object includes instructions for changing a set of attributes of the first network object.

23.   A system for manipulating network objects by using Internet authoring,

2   collaboration and versioning tools, the system comprising:

3   a web server;

4   a work station connected to the web server by an Internet connection;

5   at least one network server connected to the web server;

6   at least one storage system connected to the web server;

7   means for receiving a request for a manipulation of a first network object from the

8   work station;

9   means for verifying a first set of authorization information;

10   means for translating a logical Uniform Resource Locator to the storage system;

11   means for checking for validity and authorization for a requesting user including

12   determining whether the first network object is a first network object;

13   means for verifying a username and a password for the requesting user;

14   means for determining an object type for the first network object; and

15   means for sending a response to the requesting user.

24.   The system of claim 23 further including means for verifying that the first

2   network object is found.

1   25.   The system of claim 24 further including means for returning a second error

2   message if the first network object is not found.

1   26.   The system of claim 23 wherein the request is to assign new rights to the first

2   network object.

1   27.   The system of claim 26 wherein the new rights for the user are for a second

2   network object.

1   28.   The system of claim 26 wherein the new rights are assigned by dragging and

2   dropping a second network object on the first network object by the use of interactive

3   computer screen.

1   29.   The system of claim 27 wherein the new rights are all rights for all users and

2   assigned by dragging a public icon and dropping the public icon on the first network

3   object.

1   30.   The system of claim 27 wherein the new rights are subtracting all rights for all

2   users except an assigned user to the first network object and wherein the new rights are

3   assigned by dragging a private icon and dropping the private icon on the first network

4   object.

1   31.   The system of claim 23 further including means for modifying a set of attributes

2   of the first network object by modifying a set of fields on a screen of a subset of the set of

3   attributes.

1   32.   The system of claim 31 further including means for navigating a context menu for

2   a plurality of screens that allow modification of the set of attributes of the first network

3   object.

1   33.   The system of claim 23 wherein the manipulation of the first network object

2   includes means for changing a set of attributes of the first network object.

34.   A method for manipulating network objects, the method comprising:

2   receiving a request for a manipulation of a first network object from a requesting

3   user;

4   verifying a first set of authorization information;

5   translating a logical object address to a physical file system path;

6   checking a file system for validity and authorization for the requesting user

7   including determining whether the first network object is a first network object;

8   verifying a username and a password for the requesting user;

9   returning a first error message if requesting user is unauthorized to access the first

10   network object;

11   determining an object type for the first network object

12   sending a response to the requesting user;

13   navigating a context menu for a plurality of screens that allow modification of the

14   set of attributes of the first network object; and

15   modifying a set of attributes of the first network object by modifying a set of

16   fields on a screen of a subset of the set of attributes.

35.   The method of claim 34 wherein the request is to assign new rights to the first

2   network object.

1   36.   The method of claim 35 wherein the new rights for the first network object are for

2   a second network object.

1   37.   The method of claim 35 wherein the new rights are assigned by dragging and

2   dropping a second network object on the first network object by the use of interactive

3   computer screen.

1 38. The method of claim 37 wherein the new rights are all rights for all users and

2 assigned by dragging a public icon and dropping the public icon on the first network

3 object.

1 39. The method of claim 37 wherein the new rights are subtracting all rights for all

2 users except an assigned user to the first network object and wherein the new rights are

3 assigned by dragging a private icon and dropping the private icon on the first network

4 object.

1 40. A computer network for a plurality of users to access a workplace, the system

2 comprising:

3 a plurality of network computer servers within the computer network;

4 a plurality of network computer workstations within the computer network and

5 connected to at least one of the plurality of network computer servers;

6 a file system, network directory, and printing subsystem on the computer network

7 and accessible by the plurality of users;

8 a security system that provides an authentication process in order to allow access

9 to the plurality of users to the file system, network directory, and printing subsystem; and

10 a graphical user interface for viewing the file system, network directory and

11 printing subsystem as the workplace, and providing the plurality of users the ability to

12 manipulate the file system, network directory and printing subsystem and the ability to

13 run a plurality of network applications within the file system and network directory

14 portions of the subsystem.

1 41. The computer network of claim 40 wherein the computer network is a global

2 internet network and the file and directory subsystem is within an intranet network.

1   42.   The computer network of claim 40 wherein the graphical user interface is a web

2   browser.